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=> d his full

        (FILE 'HOME' ENTERED AT 10:56:48 ON 04 JUN 2007)

        FILE 'CAPLUS' ENTERED AT 10:57:10 ON 04 JUN 2007
L1            1 SEA ABB=ON  PLU=ON  US20040126979/PN
                SEL RN
L2       475114 SEA ABB=ON  PLU=ON  (11104-62-4/BI OR 11148-21-3/BI OR
                12738-91-9/BI OR 7440-21-3/BI)
L3            1 SEA ABB=ON  PLU=ON  L1 AND L2
                D IBIB ABS HITSTR HITIND
L4        48481 SEA ABB=ON  PLU=ON  SIGE OR GERMANIUM SILICIDE OR (GE OR
                GERMANIUM)(2A)(SILICIDE OR SI OR SILICON)
L5        16428 SEA ABB=ON  PLU=ON  (BIPOLAR OR HETEROBIPOLAR OR HETERO(W)(JUNC
                TION OR BIPOLAR))(2A)TRANSIS?
L6        11192 SEA ABB=ON  PLU=ON  EMIT?(4A)(AREA OR REGION OR SECTION)
L7        14827 SEA ABB=ON  PLU=ON  COLLECT?(4A)(AREA OR REGION OR SECTION)

        FILE 'REGISTRY' ENTERED AT 11:11:50 ON 04 JUN 2007
L8          768 SEA ABB=ON  PLU=ON  GE.SI/MF
L9           47 SEA ABB=ON  PLU=ON  GE SI/ELF

        FILE 'CAPLUS' ENTERED AT 11:12:10 ON 04 JUN 2007
L10       51246 SEA ABB=ON  PLU=ON  L4 OR L8 OR L9
L11       66482 SEA ABB=ON  PLU=ON  (1ST OR FIRST OR SECOND OR 2ND OR DUAL OR
                DUPLICAT? OR MULTI? OR DOUBLE OR TWO)(4A)(CONDUCT?)
L12         873 SEA ABB=ON  PLU=ON  L5 AND L6 AND L7
L13          95 SEA ABB=ON  PLU=ON  L12 AND L10
L14          25 SEA ABB=ON  PLU=ON  L13 AND L11
L15          24 SEA ABB=ON  PLU=ON  L14 NOT L1
                D IBIB ABS HITSTR HITIND 1-24


        FILE 'WPIX' ENTERED AT 11:40:06 ON 04 JUN 2007
L16       15699 SEA ABB=ON  PLU=ON  SIGE OR GERMANIUM SILICIDE OR (GE OR
                GERMANIUM)(2A)(SILICIDE OR SI OR SILICON)
L17       20981 SEA ABB=ON  PLU=ON  (BIPOLAR OR HETEROBIPOLAR OR HETERO(W)(JUNC
                TION OR BIPOLAR))(2A)TRANSIS?
L18       17504 SEA ABB=ON  PLU=ON  EMIT?(4A)(AREA OR REGION OR SECTION)
L19       16086 SEA ABB=ON  PLU=ON  COLLECT?(4A)(AREA OR REGION OR SECTION)

L20       96155 SEA ABB=ON  PLU=ON  (1ST OR FIRST OR SECOND OR 2ND OR DUAL OR
                DUPLICAT? OR MULTI? OR DOUBLE OR TWO)(4A)(CONDUCT?)
L21          40 SEA ABB=ON  PLU=ON  L16 AND L17 AND L18 AND L19 AND L20

        FILE 'CAPLUS, WPIX' ENTERED AT 11:43:35 ON 04 JUN 2007
L22          56 DUP REM L14 L21 (9 DUPLICATES REMOVED)
                D TI 1-56
                D L21 IALL 1-40

        FILE 'INSPEC, COMPENDEX' ENTERED AT 11:51:17 ON 04 JUN 2007

L23       18909 SEA ABB=ON  PLU=ON  (SIGE)/ET

L24       47084 SEA ABB=ON  PLU=ON  L4
L25       46982 SEA ABB=ON  PLU=ON  L5
L26       10095 SEA ABB=ON  PLU=ON  L6
L27       11533 SEA ABB=ON  PLU=ON  L7
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Mary S. Mims   EIC 2800 2-5928

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L28        64861 SEA ABB=ON   PLU=ON   L11
L29        47179 SEA ABB=ON   PLU=ON   L23 OR L24
L30            0 SEA ABB=ON   PLU=ON   L25 AND L26 AND L27 AND L28 AND L29
L31           30 SEA ABB=ON   PLU=ON   L25 AND L26 AND L27 AND L29

       FILE 'INSPEC, COMPENDEX' ENTERED AT 11:58:09 ON 04 JUN 2007
L32           22 DUP REM L31 (8 DUPLICATES REMOVED)
              D IALL 1-22
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Date 5/29/07 Serial # 10/657,869 Priority Application Filing Date 9/9/02

Your Name M. Lewis Examiner # 73172

AU 2822 Phone 272-1838 Room 5A39

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Need before 6/4

Other:_____

What relevant art have you found so far? Please attach citations or Information Disclosure Statements.

_____

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facets defining the desired focus of this search?   Please include the concepts, synonyms,
keywords, acronyms, registry numbers, definitions, structures, strategies, and anything else that
helps to describe the topic. Please attach a copy of the abstract and pertinent claims.

Claims 21-28

Bipolar Transistor

Problem: See Pages 1 & 2
Solution   "   "   2-5

2009/0058388   5,023,199
2004/023526   6,100,159
                                 5,183,768
                                 5,768,277